Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
Data File : BP017403.D
Acq On : 27 Sep 2023 18:17
Operator : MA/JU
Sample : 04359-07 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JLAD5

Quant Time: Sep 27 22:31:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	1846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	7335	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.581	164	4947	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.351	188	11329	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	11131	20.000	ng/ul	# 0.00
88) Perylene-d12	23.804	264	1623492	20.000	ng/ul	-0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	7981	177.581	ng/uL	0.00
4) Pyridine-d5	3.734	84	92605	737.048	ng/ul	0.00
7) Phenol-d5	7.075	99	78502	517.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	259125	2832.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	255326	2123.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	149786	1270.761	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	156611	2953.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	162708	2825.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	280209	2575.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	351612	2231.333	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1017891	2872.250	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1094444	2685.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	17344	280.917	ng/ul	0.00
60) Fluorene-d10	15.581	176	907162	2973.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	117082	1833.631	ng/ul	0.00
73) Anthracene-d10	17.451	188	1614024	3212.311	ng/ul	0.00
81) Pyrene-d10	19.692	212	1949854	3239.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1587757	20.313	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	1063	23.096	ng/uL#	1
5) Pyridine	3.752	79	135	1.035	ng/ul#	1
6) Benzaldehyde	7.081	77	6449	83.352	ng/ul	86
8) Phenol	7.099	94	678	4.446	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.364	93	160	1.298	ng/ul#	68
13) 2-Methylphenol	8.216	108	144	1.276	ng/ul	84
16) Acetophenone	8.769	105	6687	36.713	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.722	70	129	1.419	ng/ul#	1
22) Nitrobenzene	9.299	77	142	1.055	ng/ul	98
30) Naphthalene	10.799	128	2152	5.635	ng/ul#	88
36) 2-Methylnaphthalene	12.404	142	769	3.085	ng/ul	90
37) 1-Methylnaphthalene	12.616	142	558	2.190	ng/ul#	51
43) 1,1'-Biphenyl	13.422	154	859	2.289	ng/ul#	1
45) 2-Nitroaniline	13.710	65	75	1.026	ng/ul#	25
47) Dimethylphthalate	14.046	163	480	1.345	ng/ul#	81
48) 2,6-Dinitrotoluene	14.322	165	70	1.129	ng/ul	100
52) Acenaphthene	14.646	153	3698	11.748	ng/ul	98
55) 4-Nitrophenol	14.828	109	78	1.617	ng/ul#	1
57) 2,4-Dinitrotoluene	14.975	165	288	3.153	ng/ul#	51
59) Diethylphthalate	15.393	149	1609	4.662	ng/ul#	97
63) 4-Nitroaniline	15.704	138	972	16.321	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.710	198	395	5.734	ng/ul#	1
72) Phenanthrene	17.392	178	1941	3.271	ng/ul#	89
78) Di-n-butylphthalate	18.287	149	7219	12.273	ng/ul#	94

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Operator : MA/JU
Sample : 04359-07 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JLAD5

Quant Time: Sep 27 22:31:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.369	202	849	1.209	ng/ul#	66
82) Pyrene	19.692	202	3589	4.809	ng/ul#	1
83) Butylbenzylphthalate	20.728	149	361	1.364	ng/ul	94
85) Benzo(a)anthracene	21.445	228	996	1.326	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.316	149	3107	8.131	ng/ul#	86
87) Chrysene	21.504	228	1517	2.146	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
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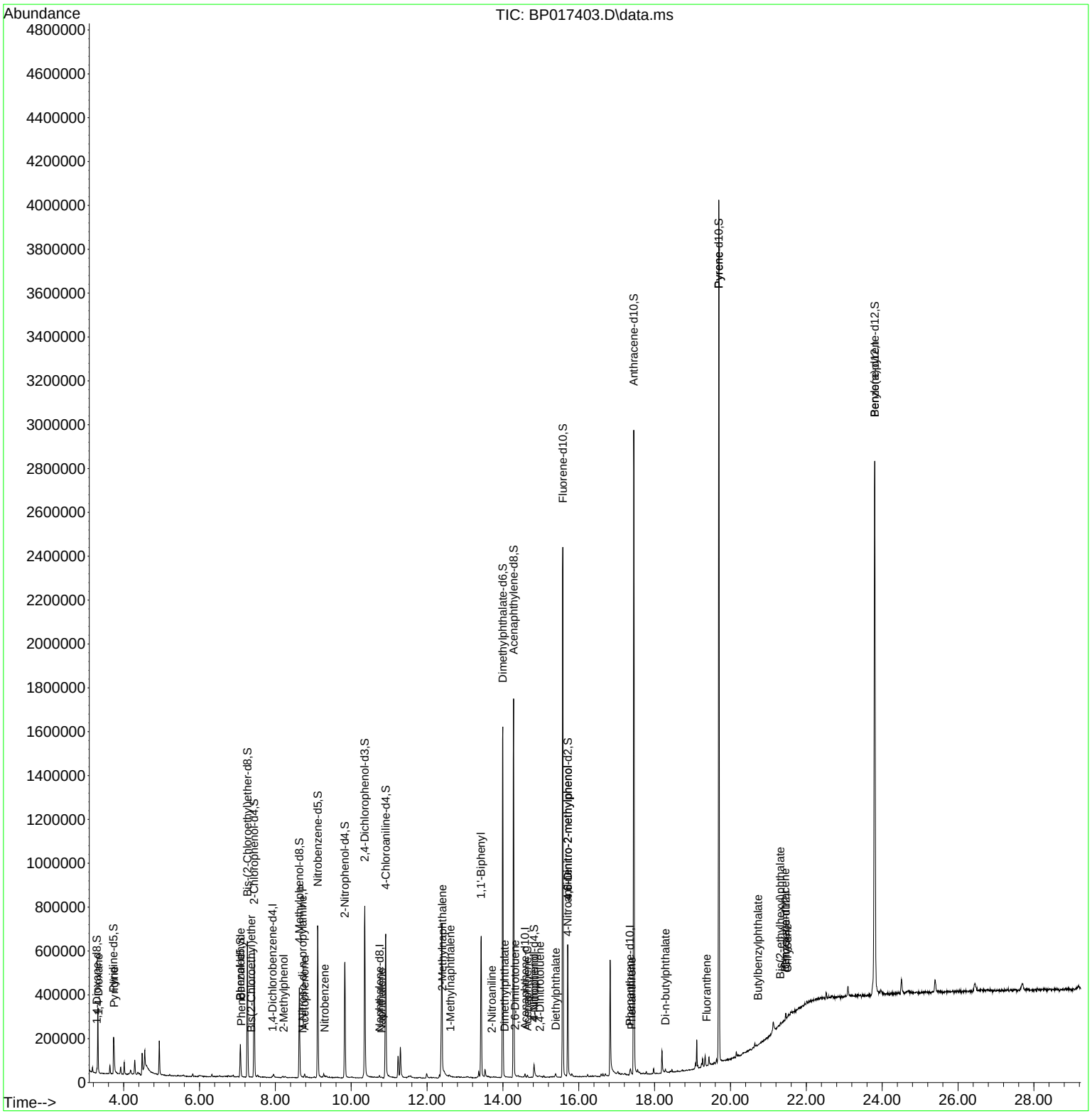
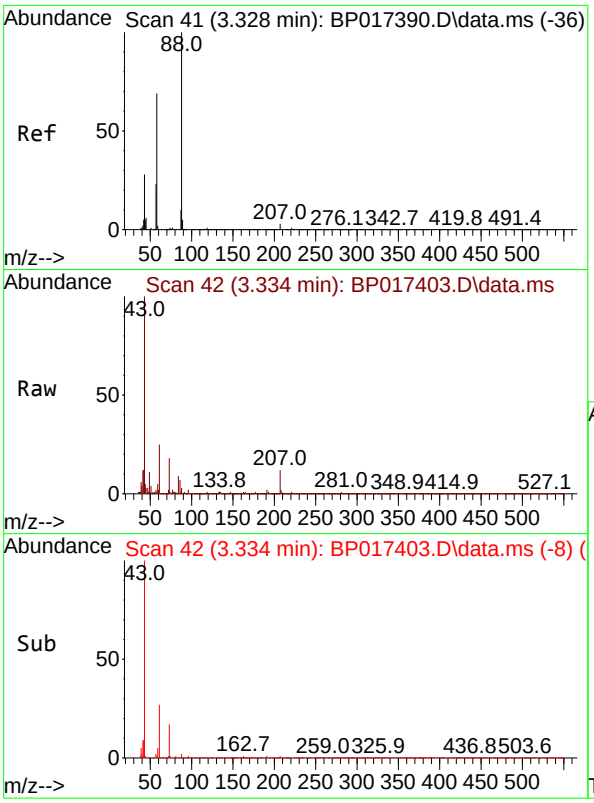
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration



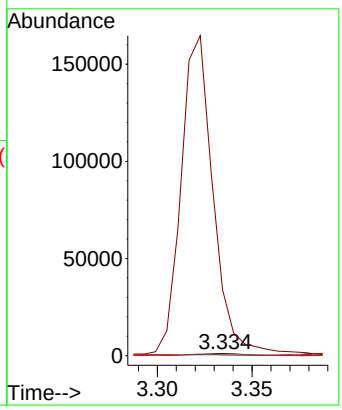


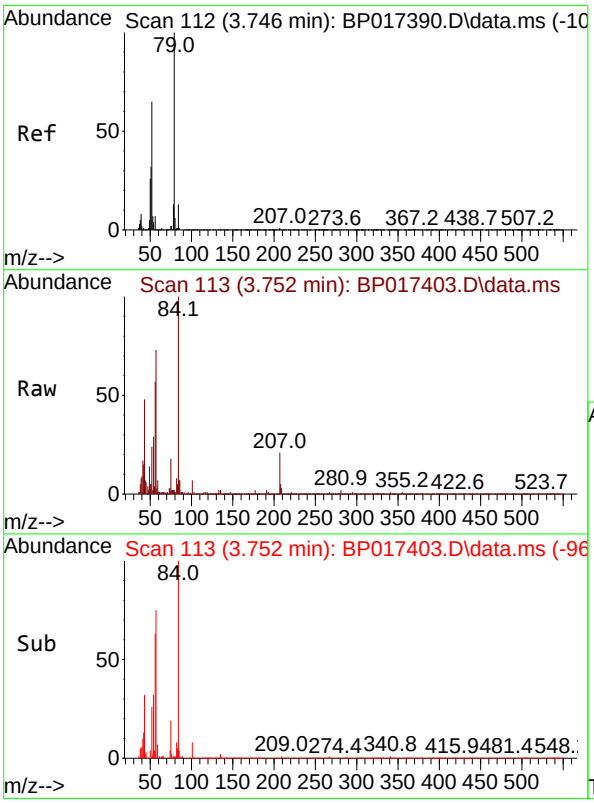
#2
1,4-Dioxane
Concen: 23.096 ng/uL
RT: 3.334 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion: 88 Resp: 1063

Ion	Ratio	Lower	Upper
88	100		
43	3080.5	25.0	37.4#
58	40.0	56.6	84.8#

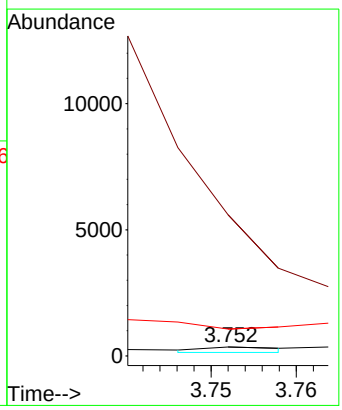


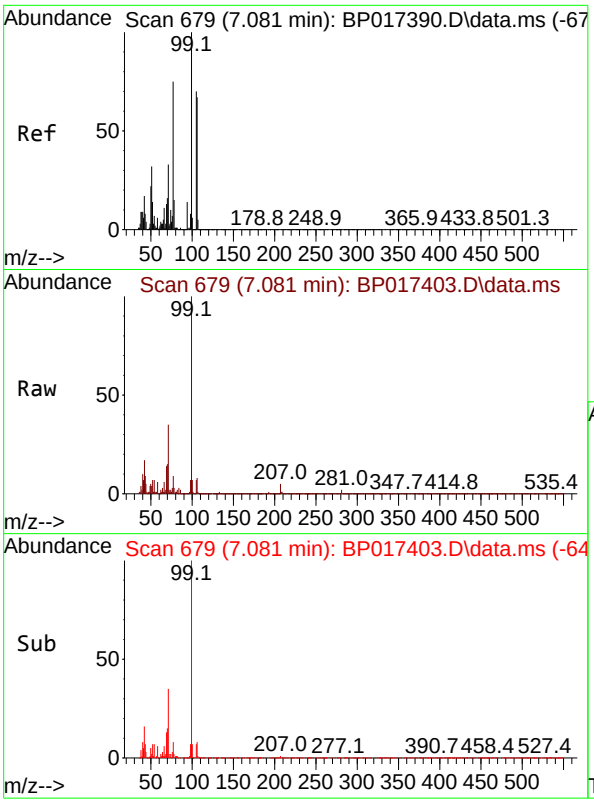


#5
Pyridine
Concen: 1.035 ng/ul
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 79 Resp: 135

Ion	Ratio	Lower	Upper
79	100		
52	1566.4	51.4	77.2#
51	298.9	25.4	38.2#



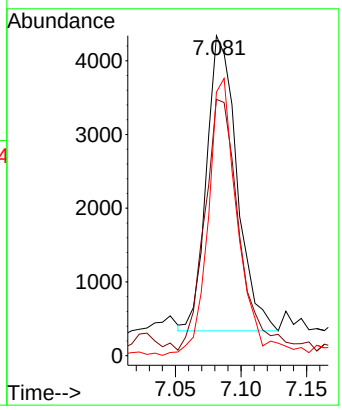


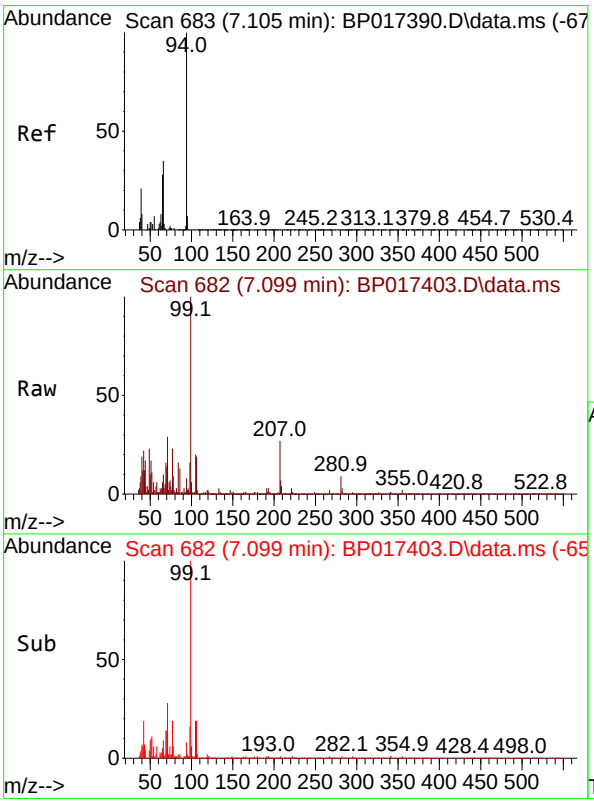
#6
Benzaldehyde
Concen: 83.352 ng/ul
RT: 7.081 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion: 77 Resp: 6449

Ion	Ratio	Lower	Upper
77	100		
105	80.1	78.0	117.0
106	82.4	73.2	109.8

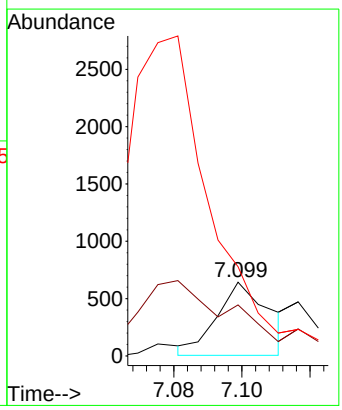


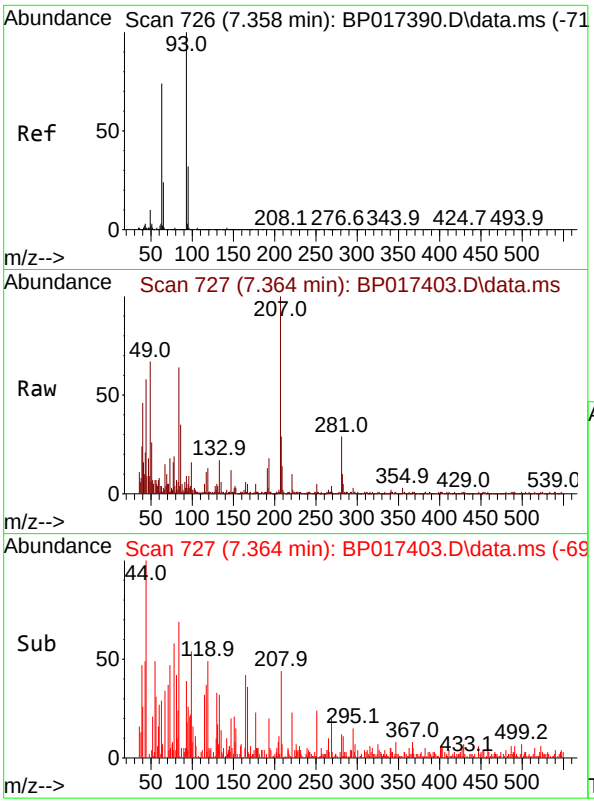


#8
Phenol
Concen: 4.446 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 94 Resp: 678

Ion	Ratio	Lower	Upper
94	100		
65	69.2	21.4	32.2#
66	121.0	28.2	42.2#



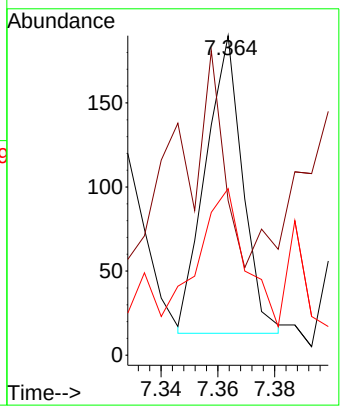


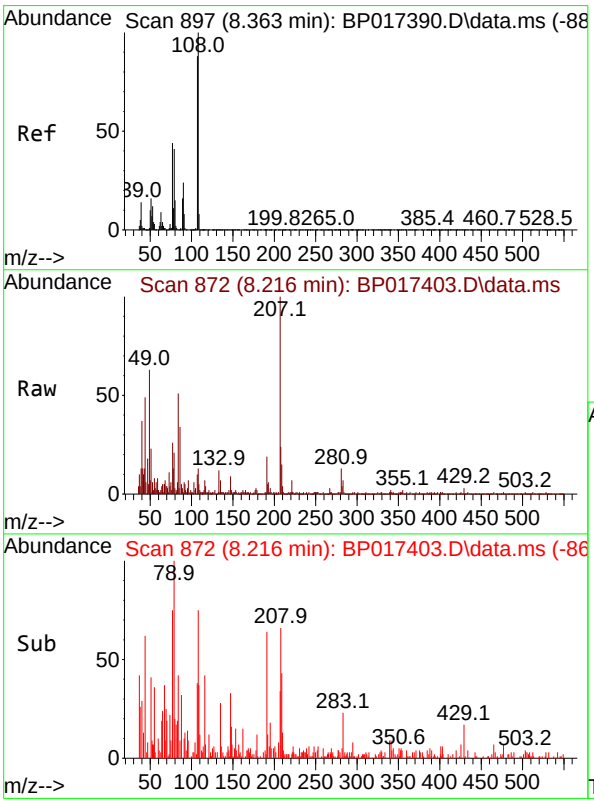
#10
Bis(2-Chloroethyl)ether
Concen: 1.298 ng/ul
RT: 7.364 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion: 93 Resp: 160

Ion	Ratio	Lower	Upper
93	100		
63	37.2	55.4	83.0#
95	40.1	25.1	37.7#

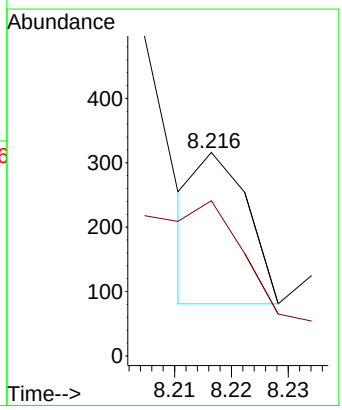


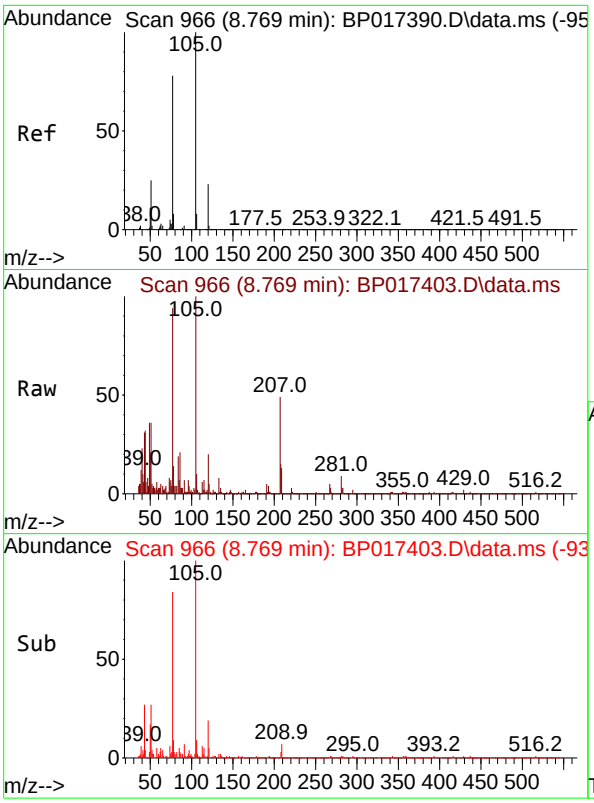


#13
2-Methylphenol
Concen: 1.276 ng/ul
RT: 8.216 min Scan# 872
Delta R.T. -0.153 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:108 Resp: 144

Ion	Ratio	Lower	Upper
108	100		
107	76.3	73.5	110.3



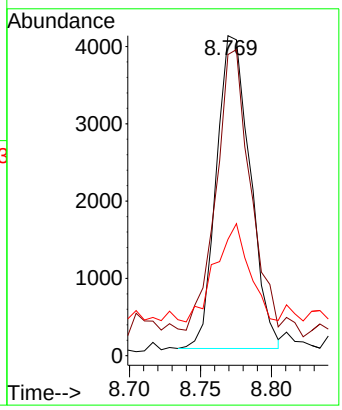


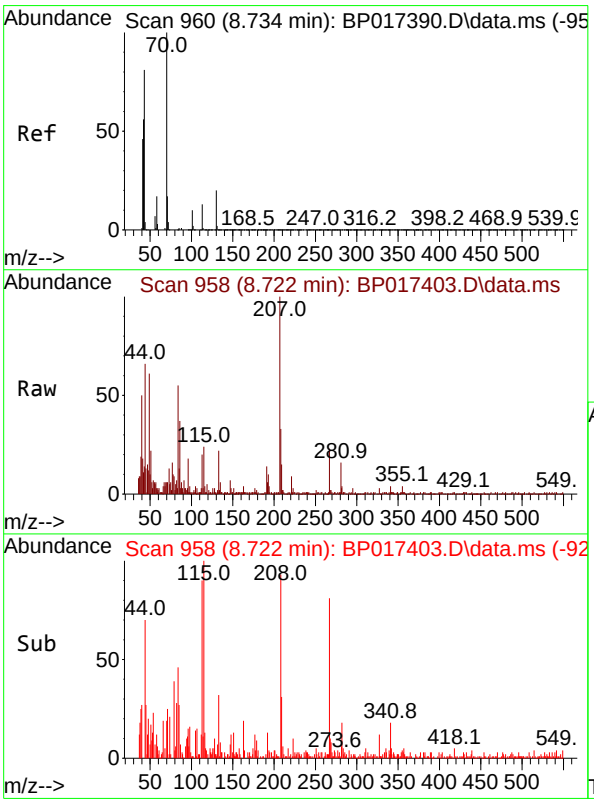
#16
Acetophenone
Concen: 36.713 ng/ul
RT: 8.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:105 Resp: 6687

Ion	Ratio	Lower	Upper
105	100		
77	94.1	63.6	95.4
51	36.4	19.2	28.8#

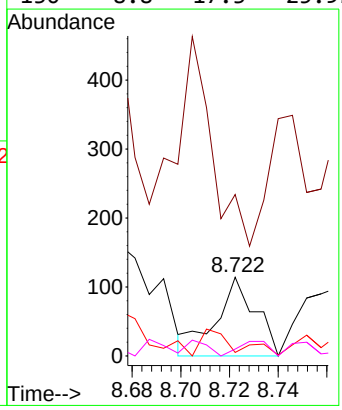


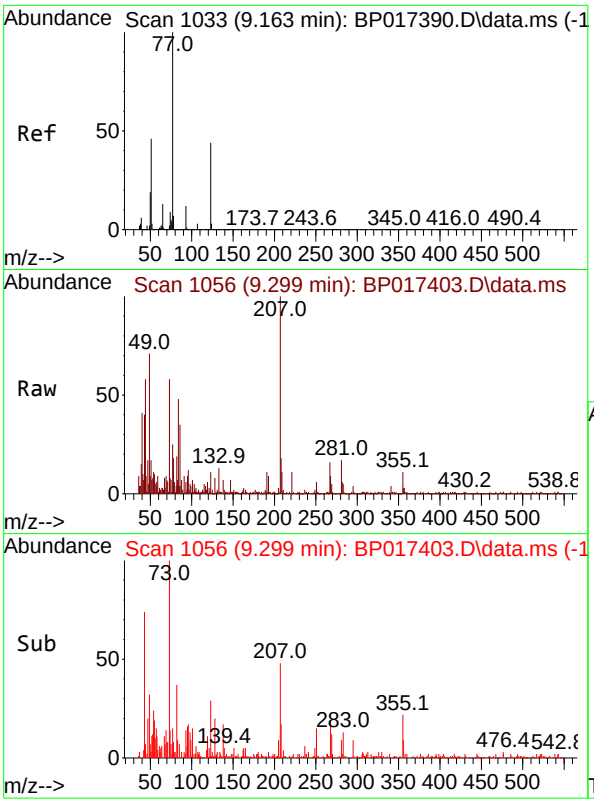


#17
N-Nitroso-di-n-propylamine
Concen: 1.419 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.023 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 70 Resp: 129

Ion	Ratio	Lower	Upper
70	100		
42	205.3	42.3	63.5#
101	4.4	7.5	11.3#
130	8.8	17.3	25.9#



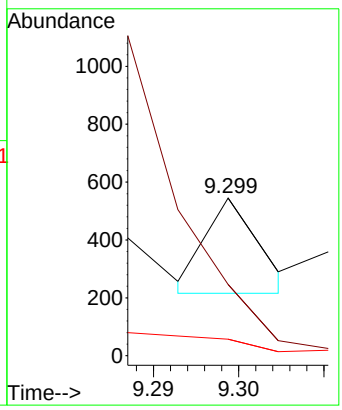


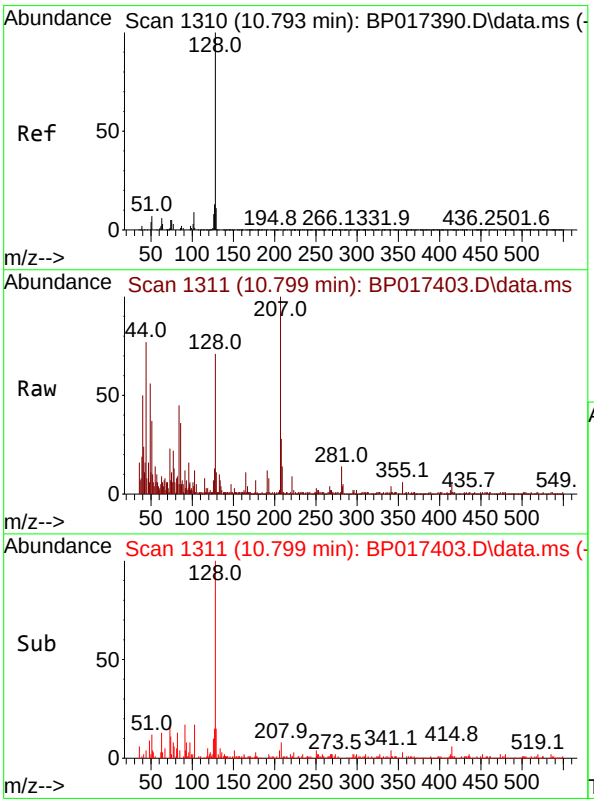
#22
Nitrobenzene
Concen: 1.055 ng/ul
RT: 9.299 min Scan# 1
Delta R.T. 0.130 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion: 77 Resp: 142

Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.4	56.0
65	10.5	9.8	14.6

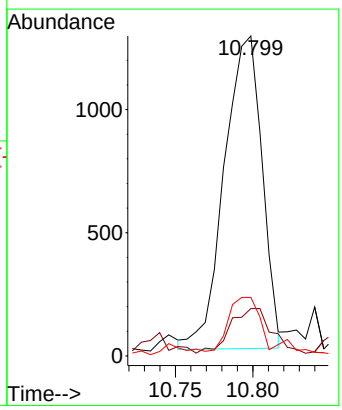


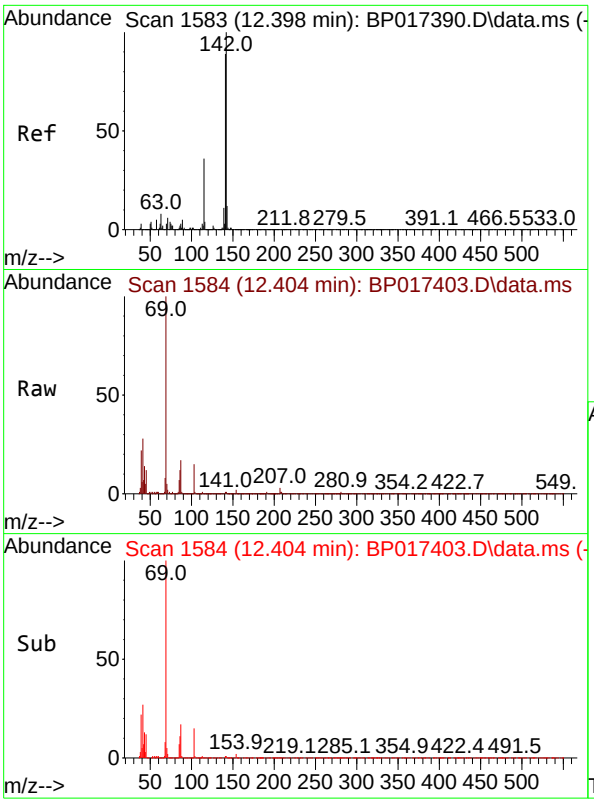


#30
Naphthalene
Concen: 5.635 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:128 Resp: 2152

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.6	13.0#
127	18.3	10.6	15.8#



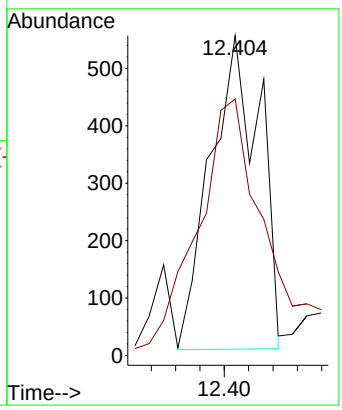


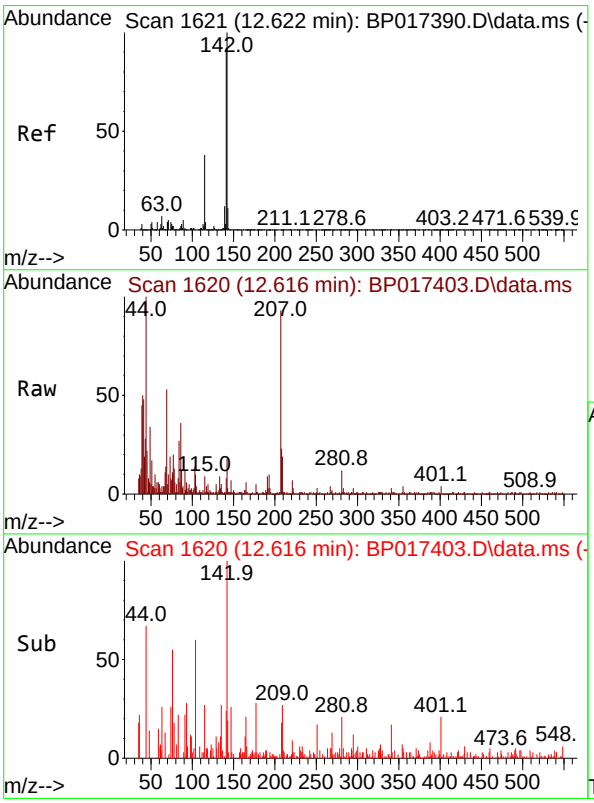
#36
2-Methylnaphthalene
Concen: 3.085 ng/ul
RT: 12.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:142 Resp: 769

Ion	Ratio	Lower	Upper
142	100		
141	80.3	71.9	107.9

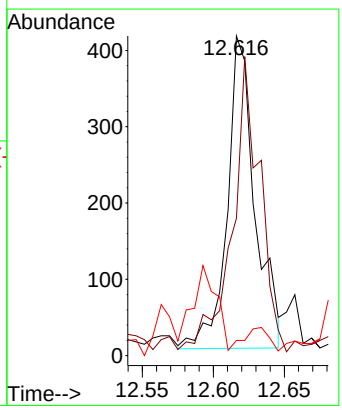


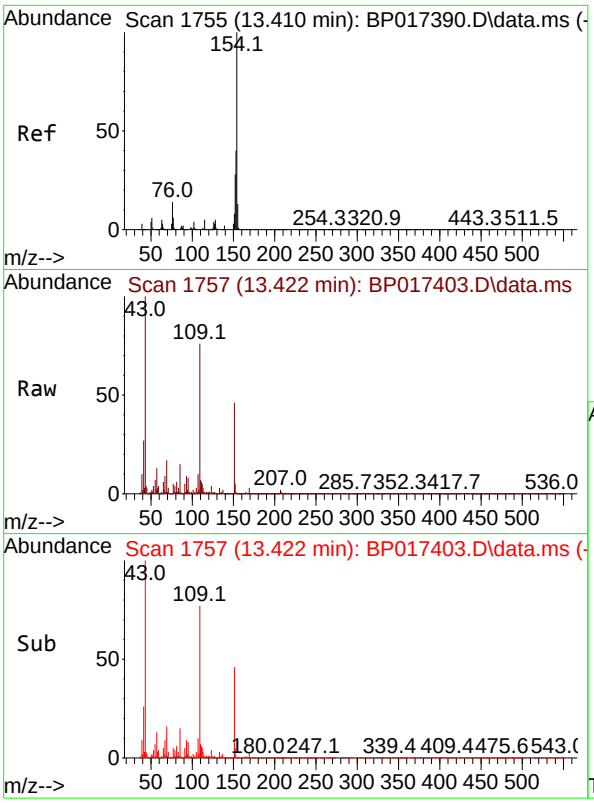


#37
1-Methylnaphthalene
Concen: 2.190 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:142 Resp: 558

Ion	Ratio	Lower	Upper
142	100		
141	43.0	73.4	110.2#
116	4.8	3.1	4.7#



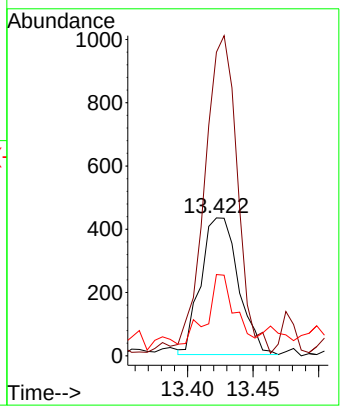


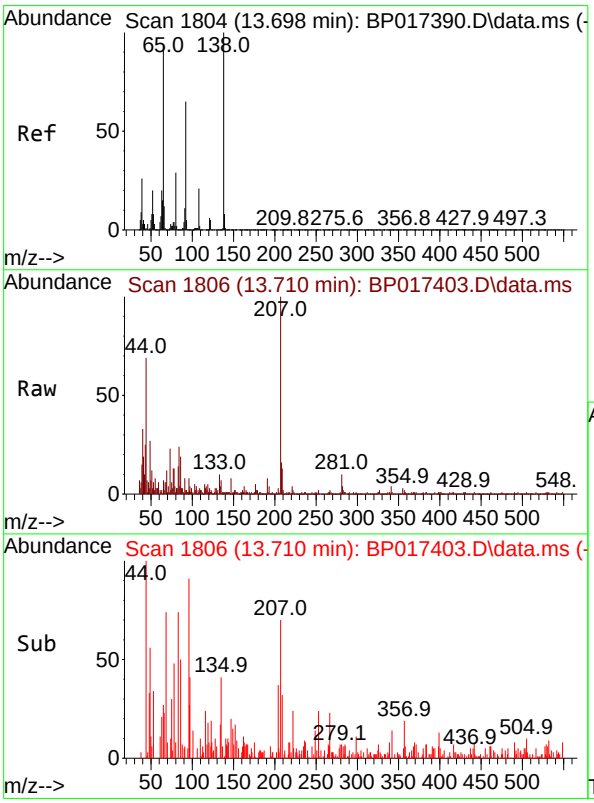
#43
1,1'-Biphenyl
Concen: 2.289 ng/ul
RT: 13.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:154 Resp: 859

Ion	Ratio	Lower	Upper
154	100		
153	220.2	31.5	47.3#
76	58.9	11.0	16.6#

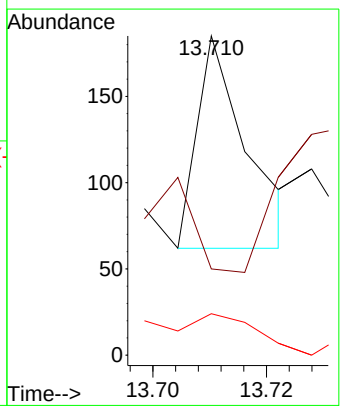


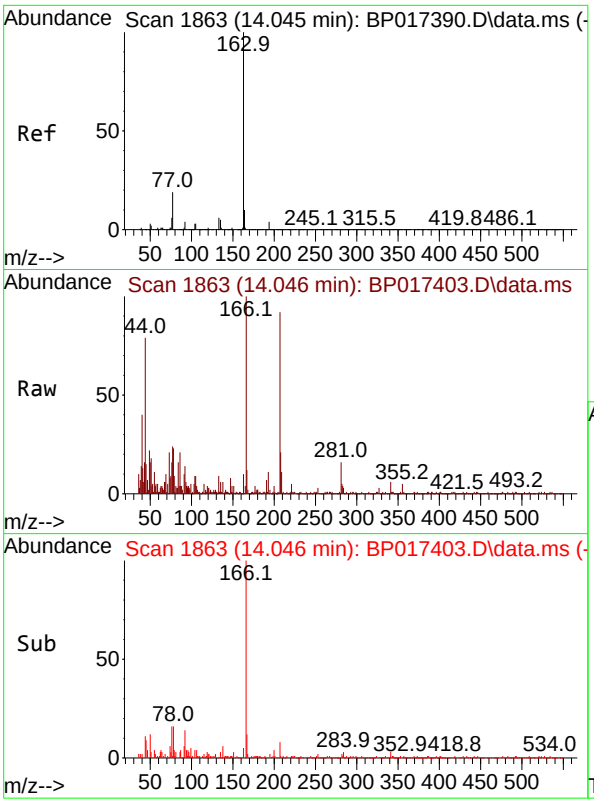


#45
2-Nitroaniline
Concen: 1.026 ng/ul
RT: 13.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 65 Resp: 75

Ion	Ratio	Lower	Upper
65	100		
92	27.0	57.7	86.5#
138	13.0	83.5	125.3#



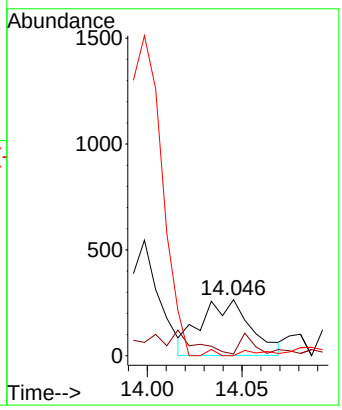


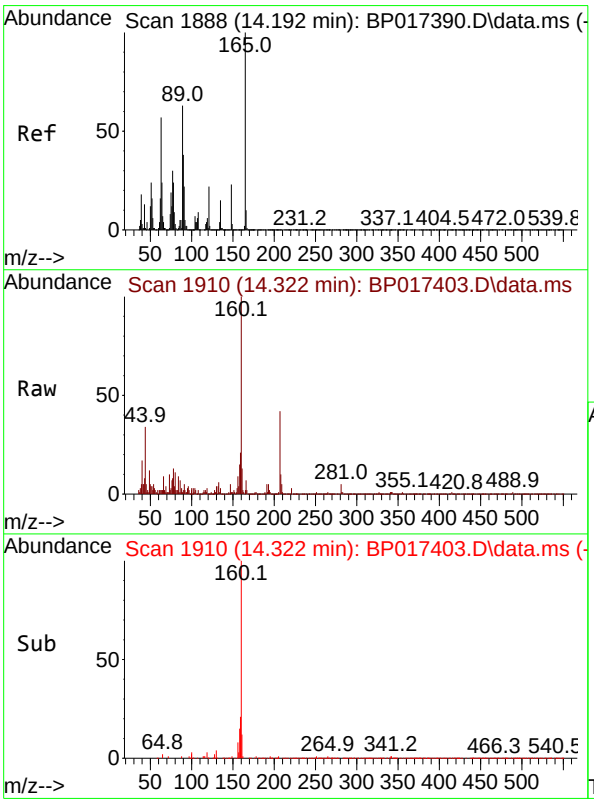
#47
Dimethylphthalate
Concen: 1.345 ng/ul
RT: 14.046 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:163 Resp: 480

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	0.0	7.5	11.3#

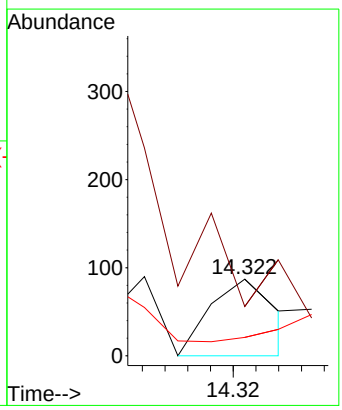


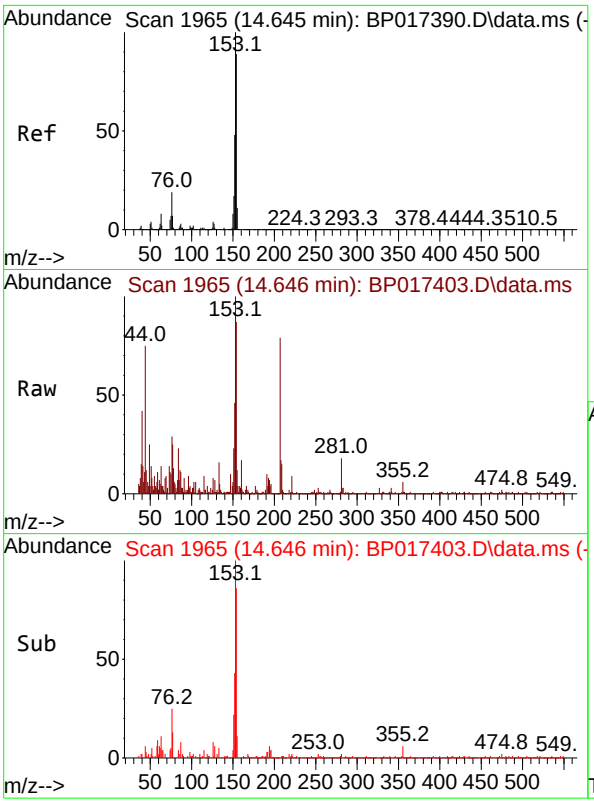


#48
2,6-Dinitrotoluene
Concen: 1.129 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. 0.124 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:165 Resp: 70

Ion	Ratio	Lower	Upper
165	100		
89	64.4	51.7	77.5
121	24.1	19.7	29.5



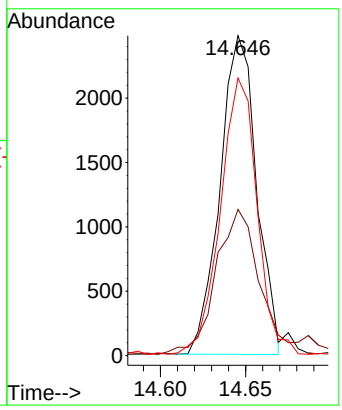


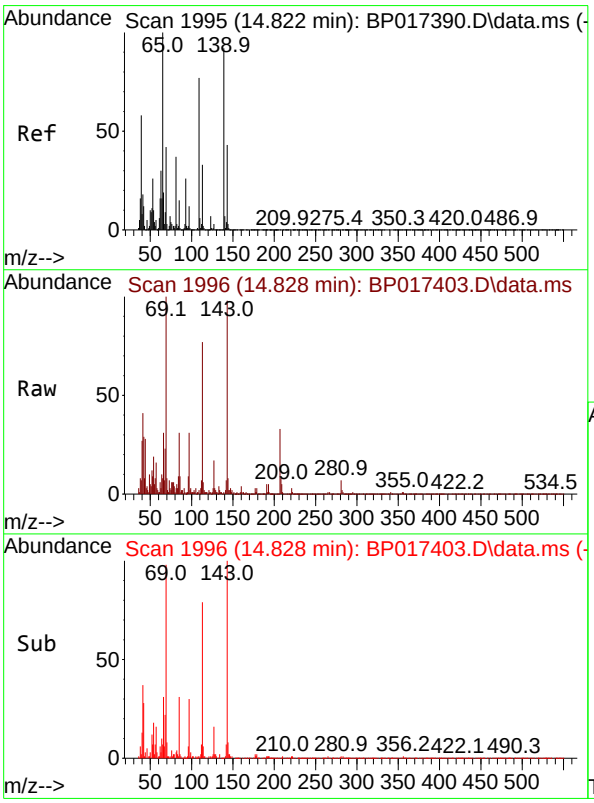
#52
Acenaphthene
Concen: 11.748 ng/ul
RT: 14.646 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:153 Resp: 3698

Ion	Ratio	Lower	Upper
153	100		
152	45.7	38.0	57.0
154	86.8	70.1	105.1

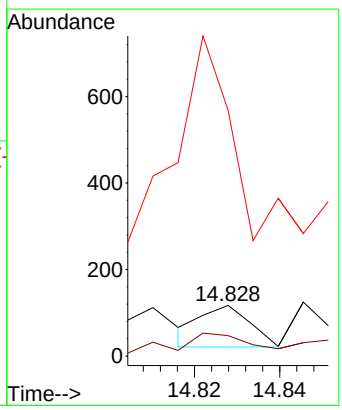


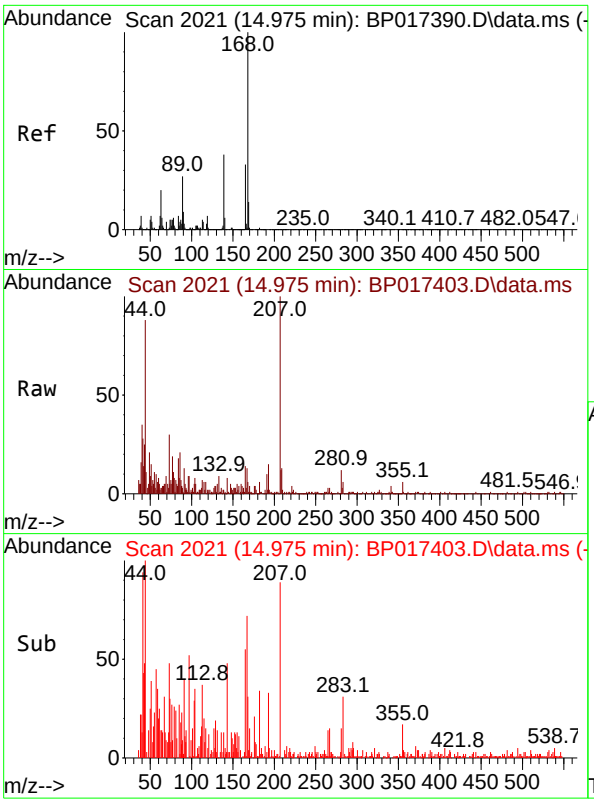


#55
4-Nitrophenol
Concen: 1.617 ng/ul
RT: 14.828 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:109 Resp: 78

Ion	Ratio	Lower	Upper
109	100		
139	40.2	105.7	158.5#
65	485.5	105.4	158.0#



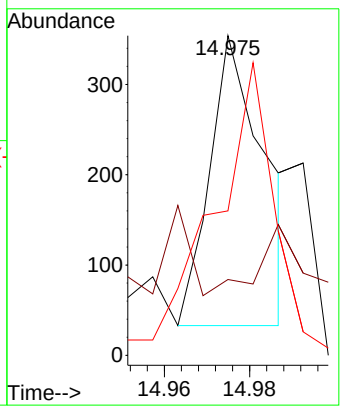


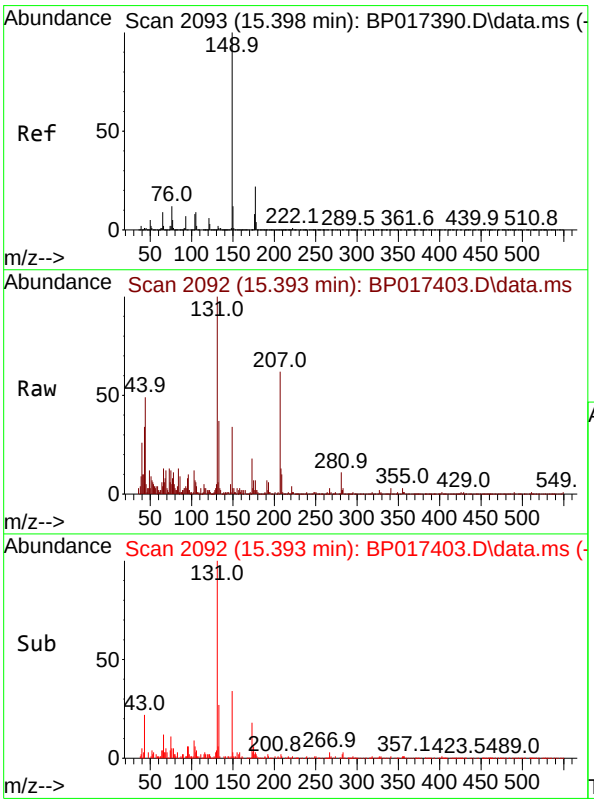
#57
2,4-Dinitrotoluene
Concen: 3.153 ng/ul
RT: 14.975 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:165 Resp: 288

Ion	Ratio	Lower	Upper
165	100		
63	23.7	45.6	68.4#
182	45.2	2.0	3.0#

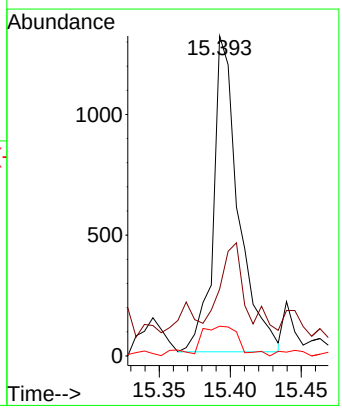


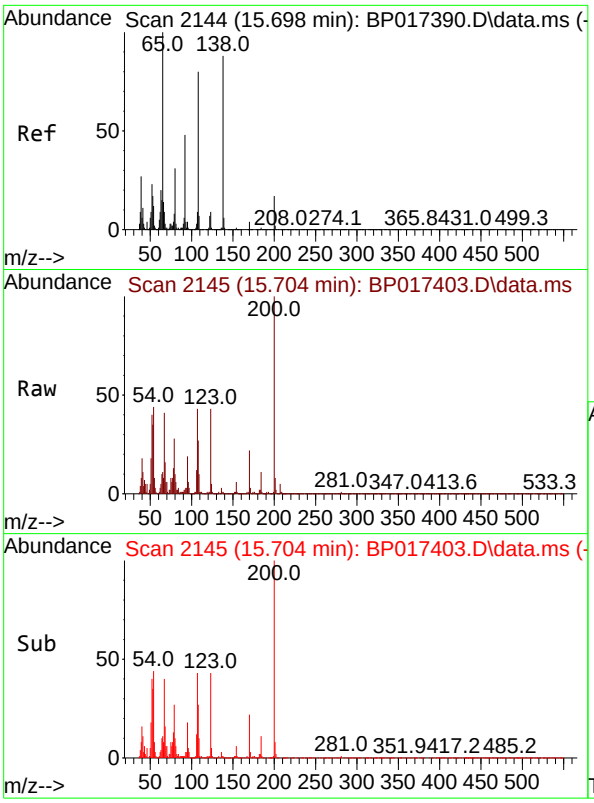


#59
Diethylphthalate
Concen: 4.662 ng/ul
RT: 15.393 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:149 Resp: 1609

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	9.3	9.8	14.6#



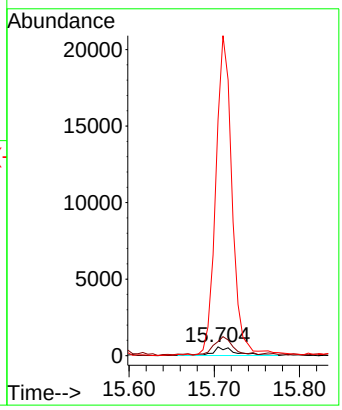


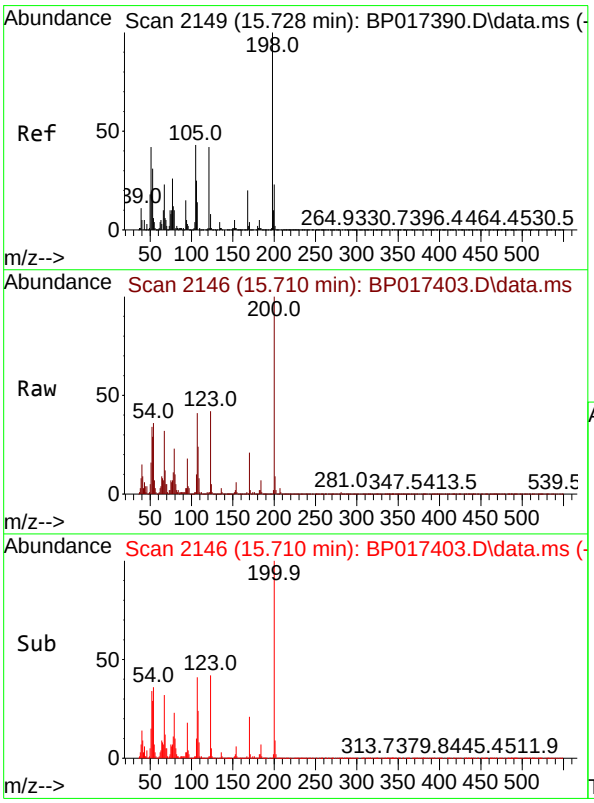
#63
4-Nitroaniline
Concen: 16.321 ng/ul
RT: 15.704 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:138 Resp: 972

Ion	Ratio	Lower	Upper
138	100		
92	159.5	42.4	63.6#
108	2665.2	73.0	109.6#

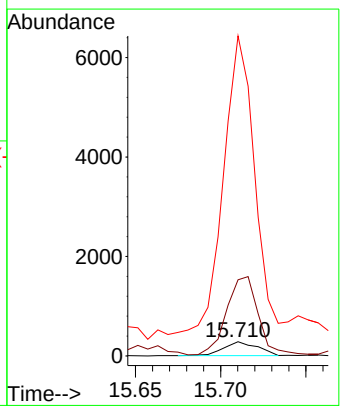


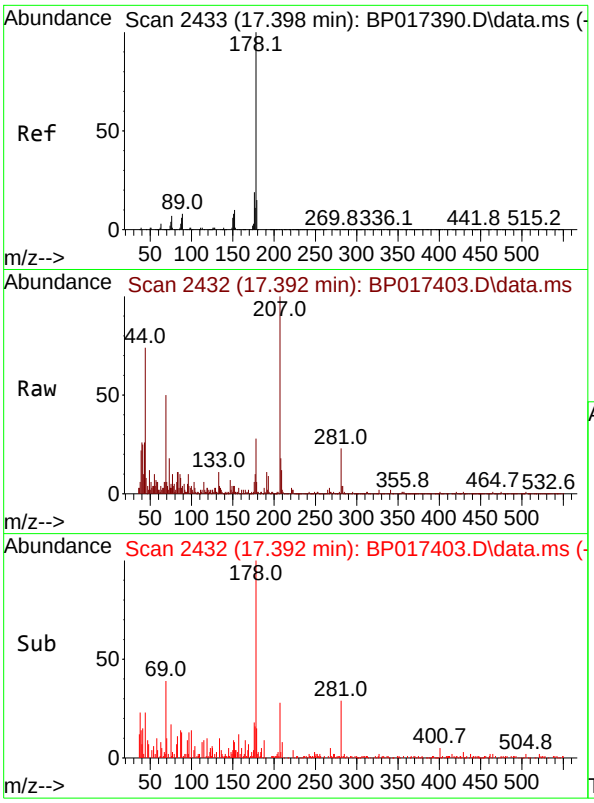


#66
4,6-Dinitro-2-methylphenol
Concen: 5.734 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.023 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:198 Resp: 395

Ion	Ratio	Lower	Upper
198	100		
182	533.8	4.3	6.5#
77	2241.8	20.4	30.6#



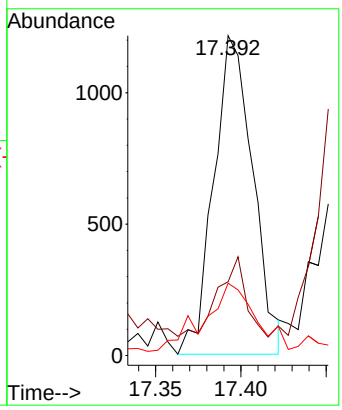


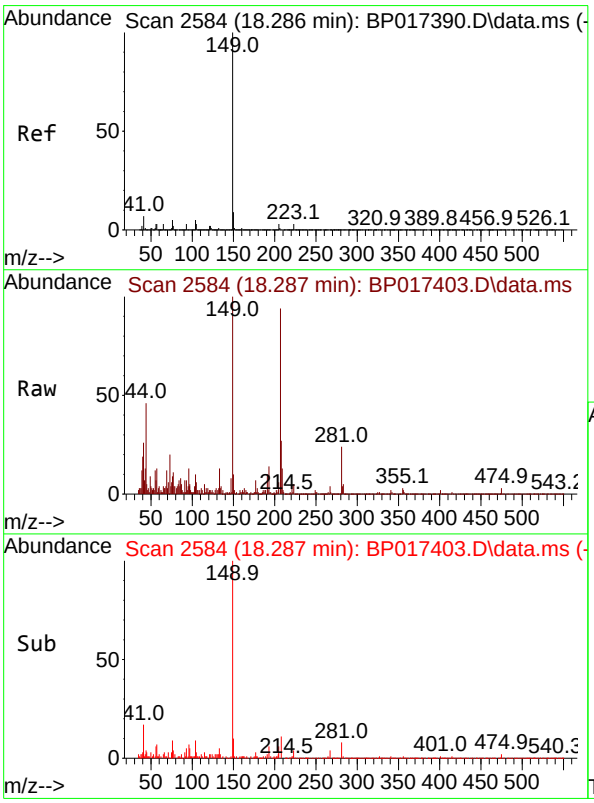
#72
Phenanthrene
Concen: 3.271 ng/ul
RT: 17.392 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:178 Resp: 1941

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.7	19.1#
176	22.6	15.8	23.6

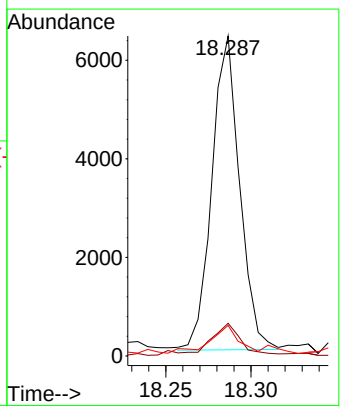


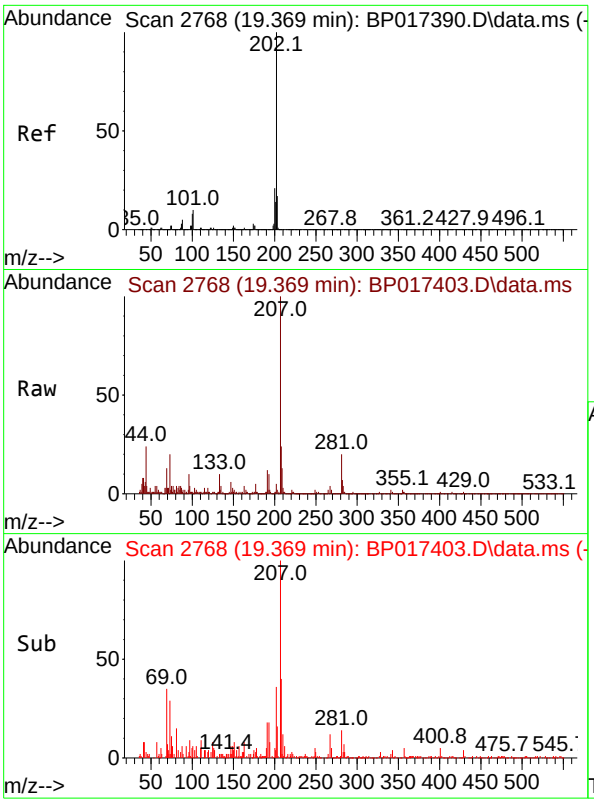


#78
Di-n-butylphthalate
Concen: 12.273 ng/ul
RT: 18.287 min Scan# 2584
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:149 Resp: 7219

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.5	11.3
104	9.5	4.5	6.7#



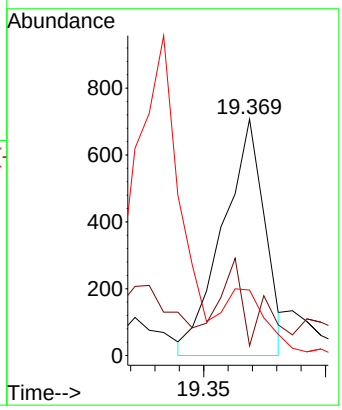


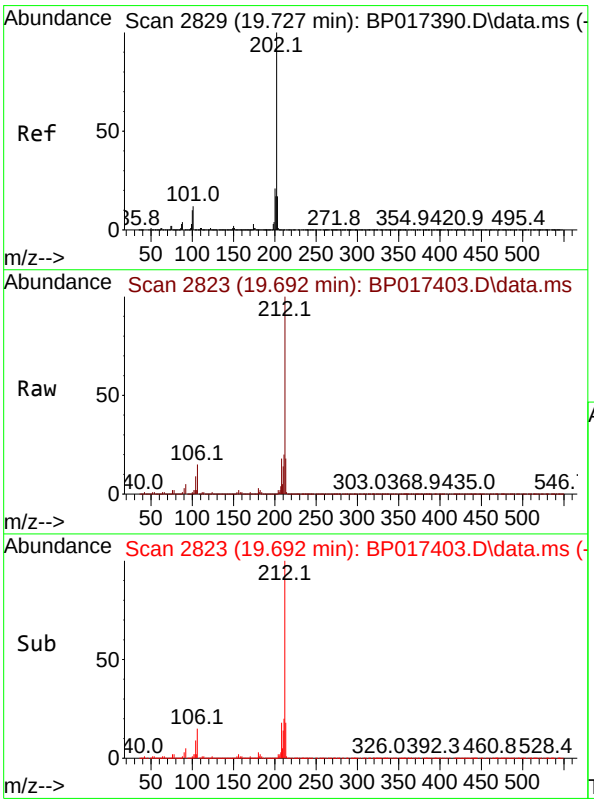
#80
Fluoranthene
Concen: 1.209 ng/ul
RT: 19.369 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:202 Resp: 849

Ion	Ratio	Lower	Upper
202	100		
101	4.1	8.4	12.6#
100	27.7	6.6	10.0#

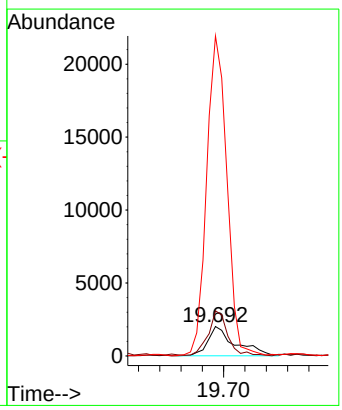


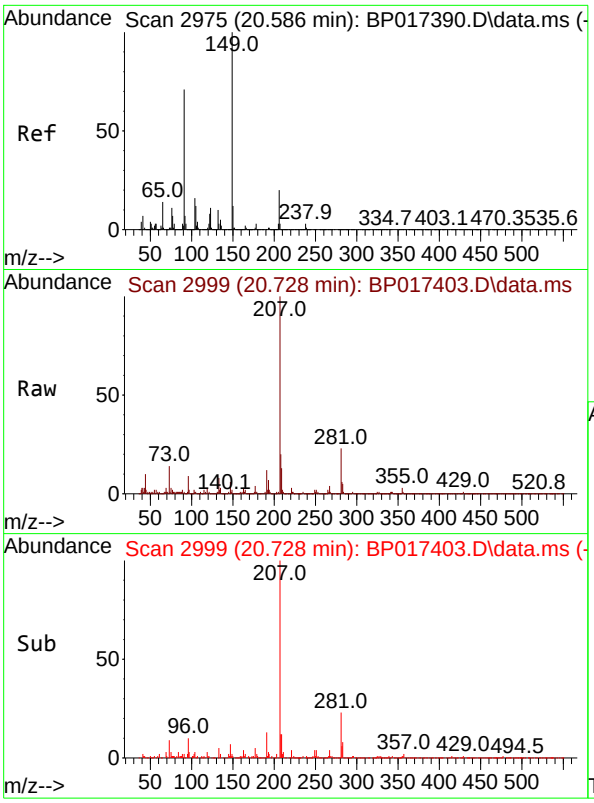


#82
Pyrene
Concen: 4.809 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.035 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:202 Resp: 3589

Ion	Ratio	Lower	Upper
202	100		
101	153.1	9.8	14.8#
100	1084.9	8.1	12.1#



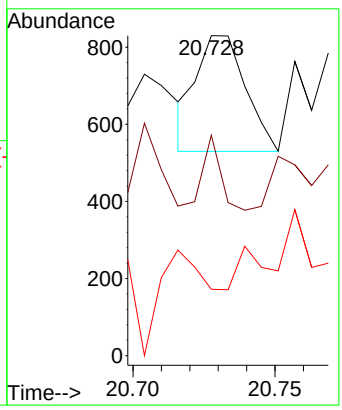


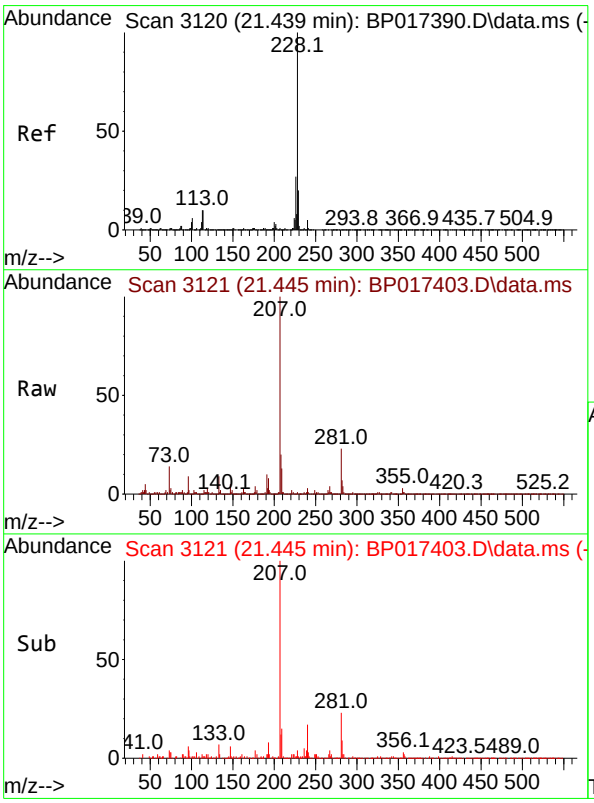
#83
Butylbenzylphthalate
Concen: 1.364 ng/ul
RT: 20.728 min Scan# 2
Delta R.T. 0.141 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:149 Resp: 361

Ion	Ratio	Lower	Upper
149	100		
91	68.9	59.8	89.6
206	20.7	15.7	23.5

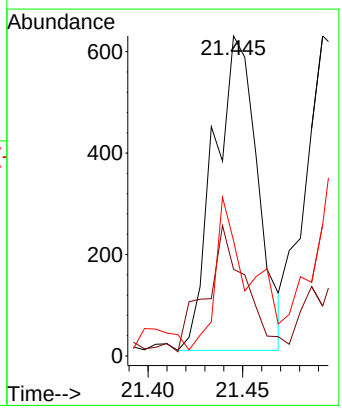


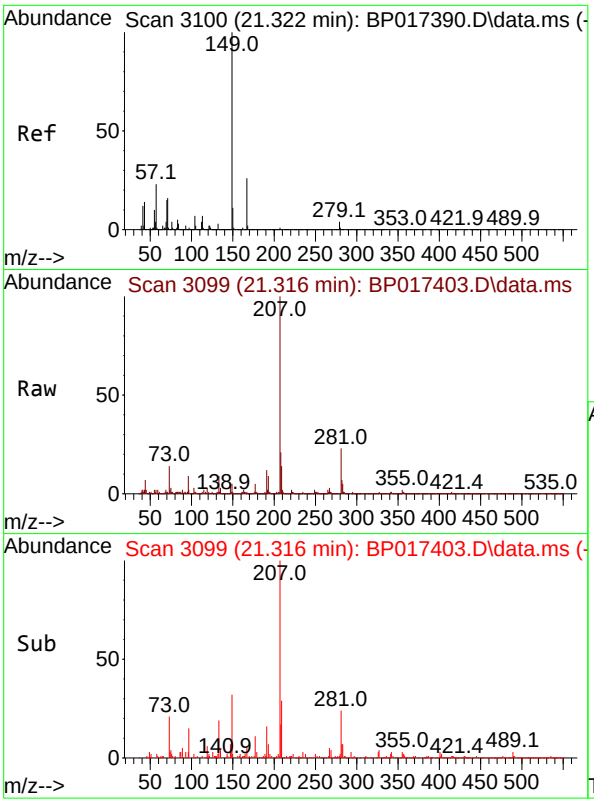


#85
Benzo(a)anthracene
Concen: 1.326 ng/ul
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:228 Resp: 996

Ion	Ratio	Lower	Upper
228	100		
229	27.1	15.8	23.6#
226	36.0	21.8	32.8#



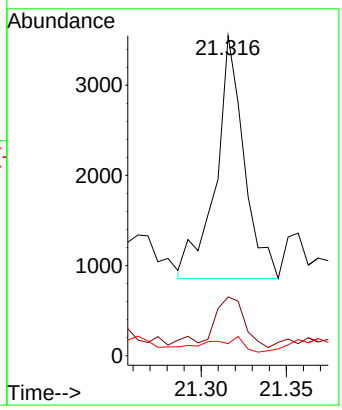


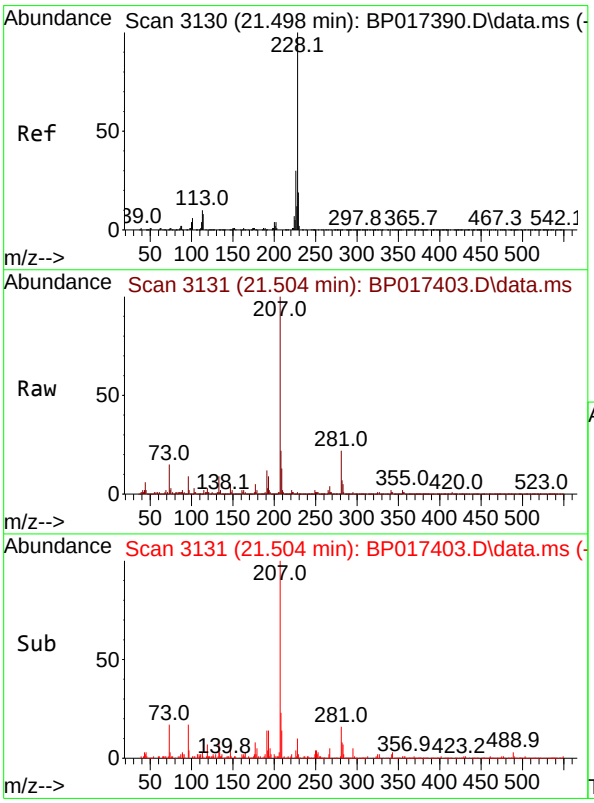
#86
Bis(2-ethylhexyl)phthalate
Concen: 8.131 ng/ul
RT: 21.316 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Instrument :
BNA_P
ClientSampleId :
JLAD5

Tgt Ion:149 Resp: 3107

Ion	Ratio	Lower	Upper
149	100		
167	18.3	21.0	31.6#
279	3.7	3.0	4.4





#87
Chrysene
Concen: 2.146 ng/ul
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:228 Resp: 1517

Ion	Ratio	Lower	Upper
228	100		
226	38.2	24.1	36.1#
229	19.9	15.0	22.6